	OLRE
1 >	CRF Errors Corrocted by the STIC Systems Branch CRF Processing Date: 209/200
	Changed a file from non-ASCII to ASCII
	Changed the margins in cases where the sequence text was "wrapped" down to the next line $\frac{1}{2}$ ω
	Edited a format error in the Current Application Data section, specifically:
	Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other
	Added the mandatory heading and subheadings for *Current Application Data*.
	Edited the 'Number of Sequences' field. The applicant spelled out a number instead of using an integer.
	Changed the spelling of a mandatory field (the headings or subheadings), specifically:
	Corrected the SEO ID NO when obviously incorrect. The sequence numbers that were edited were:
	Inserted or corrected a nucleic number at the end of a nucleic line. SEO ID NO's edited:
	Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
	Inserted colons after headings/subheadings. Headings edited included: •
•	Deleted extra, invalid, headings used by an applicant, specifically:
•	Deletod: Onon-ASCII garbago at the beginning/end of tiles: secretary initials/filename at end of file page numbers throughout text; other invalid text, such as
	Inserted mandatory headings, specifically:
	Corrected an obvious error in the response, specifically:
	Controlled an obvious circle in the response, specimenty.
-	Edited identifiers where upper case is used but lower caso is required, or vice versa.
-	
-	Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically:
- O	Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" gode was inserted by the applicant. All occurrences had to be deleted. eloted ending stop codon in amine acid sequences and adjusted the "(A)Length:" field accordingly (error
Oi du	Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A Hard Page Break gode was inserted by the applicant. All occurrences had to be deleted.

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

RAW SEQUENCE LISTING DATE: 10/09/2001 PATENT APPLICATION: US/09/471,255 TIME: 18:08:44

Input Set : A:\PTO.amc

Output Set: N:\CRF3\10092001\I471255.raw

```
4 <110> APPLICANT: BIOCHEM PHARMA INC.
      5
             HAMEL, Jose
             BRODEUR, Bernard R.
     7
             PINEAU, Isabelle
     8
             MARTIN, Denis
     9
             RIOUX, Clment
    10
             CHARLAND, Nathalie
    12 <120> TITLE OF INVENTION: NOVEL STREPTOCOCCUS ANTIGENS
    15 <130> FILE REFERENCE: 12806-11PCT
C--> 17 <140> CURRENT APPLICATION NUMBER: US/09/471,255
C--> 17 <141> CURRENT FILING DATE: 1999-12-23
    17 <150> PRIOR APPLICATION NUMBER: US 60/113,800
    18 <151> PRIOR FILING DATE: 1998-12-23
    20 <160> NUMBER OF SEQ ID NOS: 102
    22 <170> SOFTWARE: FastSEQ for Windows Version 3.0
    24 <210> SEQ ID NO: 1
    25 <211> LENGTH: 3120
    26 <212> TYPE: DNA
    27 <213> ORGANISM: S. pneumoniae
    29 <220> FEATURE:
    32 <400> SEQUENCE: 1
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                                                                                48
                                                                               96
    34 tee ttg agt eta tgt gee tat gea eta aac eag eat egt teg eag gaa
        aat aag gac aat aat cgt gtc tct tat gtg gat ggc agc cag tca agt
                                                                               144
        cag aaa agt gaa aac ttg aca cca gac cag gtt agc cag aaa gaa gga
                                                                               192
    37
        att cag gct gag caa att gta atc aaa att aca gat cag ggc tat gta
                                                                               240
        acg tca cac ggt gac cac tat cat tac tat aat ggg aaa gtt cct tat
                                                                               288
        gat gcc ctc ttt agt gaa gaa ctc ttg atg aag gat cca aac tat caa
        ctt aaa gac gct gat att gtc aat gaa gtc aag ggt ggt tat atc atc
                                                                               384
       aag gtc gat gga aaa tat tat gtc tac ctg aaa gat gca gct cat gct
                                                                               432
    41
    42
        gat aat gtt cga act aaa gat gaa atc aat cgt caa aaa caa gaa cat
                                                                               480
        gtc aaa gat aat gag aag gtt aac tct aat gtt gct gta gca agg tct
    43
                                                                               528
        cag gga cga tat acg aca aat gat ggt tat gtc ttt aat cca gct gat
                                                                               576
    45
        att atc gaa gat acg ggt aat gct tat atc gtt cct cat gga ggt cac
                                                                               624
        tat cac tac att ccc aaa agc gat tta tct gct agt gaa tta gca gca
                                                                               672
        gct aaa gca cat ctg gct gga aaa aat atg caa ccg agt cag tta agc
                                                                               720
    48
        tat tot toa aca got agt gao aat aac acg caa tot gta goa aaa gga
                                                                               768
        tca act agc aag cca gca aat aaa tct gaa aat ctc cag agt ctt ttg
                                                                               816
        aag gaa ctc tat gat tca cct agc gcc caa cgt tac agt gaa tca gat
                                                                               864
        ggc ctg gtc ttt gac cct gct aag att atc agt cgt aca cca aat gga
                                                                               912
        gtt gcg att ccg cat ggc gac cat tac cac ttt att cct tac agc aag
                                                                               960
        ctt tct gct tta gaa gaa aag att gcc aga atg gtg cct atc agt gga
                                                                              1008
        act ggt tct aca gtt tct aca aat gca aaa cct aat gaa gta gtg tct
                                                                              1056
        agt cta ggc agt ctt tca agc aat cct tct tct tta acg aca agt aag
                                                                              1104
        gag ctc tct tca gca tct gat ggt tat att ttt aat cca aaa gat atc
                                                                              1152
    57
         gtt gaa gaa acg gct aca gct tat att gta aga cat ggt gat cat ttc
                                                                              1200
        cat tac att cca aaa tca aat caa att ggg caa ccg act ctt cca aac
                                                                              1248
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RAW SEQUENCE LISTING DATE: 10/09/2001 PATENT APPLICATION: US/09/471,255 TIME: 18:08:44

Input Set : A:\PTO.amc

Output Set: N:\CRF3\10092001\I471255.raw

```
aat agt cta gca aca cct tct cca tct ctt cca atc aat cca gga act
                                                                       1296
   tca cat gag aaa cat gaa gaa gat gga tac gga ttt gat gct aat cgt
                                                                       1344
61 att atc gct gaa gat gaa tca ggt ttt gtc atg agt cac gga gac cac
                                                                       1392
62 aat cat tat ttc ttc aag aag gac ttg aca gaa gag caa att aag gct
                                                                       1440
63 gcg caa aaa cat tta gag gaa gtt aaa act agt cat aat gga tta gat
                                                                       1488
64 tct ttg tca tct cat gaa cag gat tat cca ggt aat gcc aaa gaa atg
                                                                       1536
65 aaa gat tta gat aaa aac gaa gaa aaa att gct ggc att atg aaa
                                                                       1584
66 caa tat ggt gtc aaa cgt gaa agt att gtc gtg aat aaa gaa aaa aat
                                                                       1632
67 gcg att att tat ccg cat gga gat cac cat cat gca gat ccg att gat
                                                                       1680
   gaa cat aaa ccg gtt gga att ggt cat tct cac agt aac tat gaa ctg
                                                                       1728
69 ttt aaa ccc gaa gaa gga gtt gct aaa aaa gaa ggg aat aaa gtt tat
                                                                       1776
70 act gga gaa tta acg aat gtt gtt aat ttg tta aaa aat agt acg
                                                                       1824
   ttt aat aat caa aac ttt act cta gcc aat ggt caa aaa cgc gtt tct
                                                                       1872
72 ttt agt ttt ccg cct gaa ttg gag aaa aaa tta ggt atc aat atg cta
                                                                       1920
73 gta aaa tta ata aca cca gat gga aaa gta ttg gag aaa gta tct ggt
                                                                       1968
74 aaa gta ttt gga gaa gga gta ggg aat att gca aac ttt gaa tta gat
                                                                       2016
75 caa cct tat tta cca gga caa aca ttt aag tat act atc gct tca aaa
                                                                       2064
76 gat tat cca gaa gta agt tat gat ggt aca ttt aca gtt cca acc tct
                                                                       2112
   tta gct tac aaa atg gcc agt caa acg att ttc tat cct ttc cat gca
                                                                       2160
78 ggg gat act tat tta aga gtg aac cct caa ttt gca gtg cct aaa gga
                                                                       2208
   act gat gct tta gtc aga gtg ttt gat gaa ttt cat gga aat gct tat
                                                                       2256
   tta gaa aat aac tat aaa gtt ggt gaa atc aaa tta ccg att ccg aaa
80
                                                                       2304
   tta aac caa gga aca acc aga acg gcc gga aat aaa att cct gta acc
                                                                       2352
81
   ttc atg gca aat gct tat ttg gac aat caa tcg act tat att gtg gaa
83 gta cct atc ttg gaa aaa gaa aat caa act gat aaa cca agt att cta
                                                                       2448
84 cca caa ttt aaa agg aat aaa gca caa gaa aac tca aaa ctt gat gaa
                                                                       2496
85 aag gta gaa gaa cca aag act agt gag aag gta gaa aaa gaa aaa ctt
86 tct gaa act ggg aat agt act agt aat tca acg tta gaa gaa gtt cct
                                                                       2592
87 aca gtg gat cct gta caa gaa aaa gta gca aaa ttt gct gaa agt tat
                                                                       2640
88
   ggg atg aag cta gaa aat gtc ttg ttt aat atg gac gga aca att gaa
                                                                       2688
   tta tat tta cca tca gga gaa gtc att aaa aag aat atg gca gat ttt
                                                                       2736
                                                                       2784
90 aca gga gaa gca cct caa gga aat ggt gaa aat aaa cca tct gaa aat
   gga aaa gta tct act gga aca gtt gag aac caa cca aca gaa aat aaa
                                                                       2832
92 cca gca gat tct tta cca gag gca cca aac gaa aaa cct gta aaa cca
93 gaa aac tca acg gat aat gga atg ttg aat cca gaa ggg aat gtg ggg
                                                                       2928
94 agt gac cet atg tta gat cea gea tta gag gaa get eea gea gta gat
                                                                       2976
   cct gta caa gaa aaa tta gaa aaa ttt aca gct agt tac gga tta ggc
                                                                       3024
   tta gat agt gtt ata ttc aat atg gat gga acg att gaa tta aga ttg
                                                                       3072
97
   cca agt gga gaa gtg ata aaa aag aat tta tct gat ttc ata gcg
                                                                       3117
98
   taa
                                                                       3120
100 <210> SEQ ID NO: 2
101 <211> LENGTH: 1039
102 <212> TYPE: PRT
103 <213> ORGANISM: S. pneumoniae
105 <400> SEQUENCE: 2
106 Met Lys Phe Ser Lys Lys Tyr Ile Ala Ala Gly Ser Ala Val Ile Val
107
108 Ser Leu Ser Leu Cys Ala Tyr Ala Leu Asn Gln His Arg Ser Gln Glu
109
                                     25
```

RAW SEQUENCE LISTING DATE: 10/09/2001 PATENT APPLICATION: US/09/471,255 TIME: 18:08:44

Input Set : A:\PTO.amc
Output Set: N:\CRF3\10092001\1471255.raw

110	Asn	Lys		Asn	Asn	Arg	Val		Tyr	Val	Asp	Gly		Gln	Ser	Ser
111		_	35		_	_		40	_			_	45	_		_
112	Gln	_	Ser	Glu	Asn	Leu		Pro	Asp	GIn	Val		Gln	Lys	Glu	Gly
113		50					55					60				
114	Ile	Gln	Ala	Glu	Gln		Val	Ile	Lys	Ile	Thr	Asp	Gln	Gly	Tyr	Val
115	65					70					75					80
116	Thr	Ser	His	Gly	Asp	His	Tyr	His	\mathtt{Tyr}	Tyr	Asn	Gly	Lys	Val	Pro	Tyr
117					85					90					95	
118	Asp	Ala	Leu	Phe	Ser	Glu	Glu	Leu	Leu	Met	Lys	Asp	Pro	Asn	Tyr	Gln
119				100					105					110		
120	Leu	Lys	Asp	Ala	Asp	Ile	Val	Asn	Glu	Val	Lys	Gly	Gly	Tyr	Ile	Ile
121			115			•		120					125			
122	Lys	Val	Asp	Gly	Lys	Tyr	Tyr	Val	Tyr	Leu	Lys	Asp	Ala	Ala	His	Ala
123		130					135					140				
124	Asp	Asn	Val	Arg	Thr	Lys	Asp	Glu	Ile	Asn	Arg	Gln	Lys	Gln	Glu	His
125	145					150	_				155		_			160
126	Val	Lys	Asp	Asn	Glu	Lys	Val	Asn	Ser	Asn	Val	Ala	Val	Ala	Arg	Ser
127		_	_		165	-				170					175	
128	Gln	Gly	Arq	Tyr	Thr	Thr	Asn	Asp	Gly	Tyr	Val	Phe	Asn	Pro	Ala	Asp
129		_	_	180				_	185	_				190		_
130	Ile	Ile	Glu	Asp	Thr	Gly	Asn	Ala	Tyr	Ile	Val	Pro	His	Gly	Gly	His
131			195	_		_		200	_				205	_	_	
132	Tyr	His	Tyr	Ile	Pro	Lys	Ser	Asp	Leu	Ser	Ala	Ser	Glu	Leu	Ala	Ala
133	•	210	-			-	215	_				220				
134	Ala	Lys	Ala	His	Leu	Ala	Gly	Lys	Asn	Met	Gln	Pro	Ser	Gln	Leu	Ser
135	225	-				230	_	-			235					240
136	Tvr	Ser	Ser	Thr	Ala	Ser	qzA	Asn	Asn	Thr	Gln	Ser	Val	Ala	Lys	Glv
137					245		•			250					255	- 4
138	Ser	Thr	Ser	Lvs	Pro	Ala	Asn	Lvs	Ser	Glu	Asn	Leu	Gln	Ser	Leu	Leu
139				260				4 -	265					270		
140	Lvs	Glu	Leu	Tvr	Asp	Ser	Pro	Ser	Ala	Gln	Arq	Tvr	Ser	Glu	Ser	Asp
141	-		275	•	-			280			,	-	285			_
142	Glv	Leu	Val	Phe	Asp	Pro	Ala	Lvs	Ile	Ile	Ser	Ara	Thr	Pro	Asn	Glv
143		290					295					300				
144	Val	Ala	Ile	Pro	His	Glv	Asp	His	Tvr	His	Phe	Ile	Pro	Tvr	Ser	Lvs
145	305					310					315			-1-		320
146	Leu	Ser	Ala	Leu	Glu	Glu	Lvs	Ile	Ala	Arσ	Met.	Val	Pro	Ile	Ser	Glv
147					325		-1-			330					335	1
148	Thr	Glv	Ser	Thr		Ser	Thr	Asn	Ala		Pro	Asn	Glu	Va 1	Val	Ser
149		1		340					345	-1-				350		
150	Ser	Len	Glv		Len	Ser	Ser	Asn		Ser	Ser	Leu	Thr		Ser	Lvs
151	001	204	355	501	Deu	501	501	360		DO1	001		365		,	270
152	Glu	Len		Ser	Δla	Ser	Asn		Tur	Tle	Phe	Δsn		T.vc	Asp	Tle
153	024	370	501	501		501	375	0 -1				380		270		110
154	Val		Glu	Thr	Δla	Thr		ጥነን ዮ	Tlo	Val	Δrσ		Glv	Aen	His	Phe
155	385	Olu	Jau		u	390		-1-		,	395		υ <u>Υ</u>	p		400
156		ጥ፣ታኍ	T10	Pro	1.170		Δen	Gln	Tle	Glv		Dro	Thr	T.e.u	Pro	
157	1113	- Y -	116	110	405	DET	uon	GIII	116	410	0111	110	T 11T	neu.	415	וופח
158	λαη	202	Lou	פוג		Dro	202	Dro	Sor		Dro	T10	λαν	D~~	Gly	Th.~
100	VOII	Ser	пец	пта	T 11T	LIO	Set	FIO	Set	пец	210	TTE	นอแ	ETO.	GTÅ	TIIT

DATE: 10/09/2001 RAW SEQUENCE LISTING PATENT APPLICATION: US/09/471,255 TIME: 18:08:44

Input Set : A:\PTO.amc
Output Set: N:\CRF3\10092001\1471255.raw

159				420			•		425					430		
160	Ser	His	Glu		His	Glu	Gľu	Asp		Tyr	Gly	Phe	Asp		Asn'	Arq
161			435	•				440	-	-	-		445			
162	Ile	Ile	Ala	Glu	Asp	Glu	Ser	Gly	Phe	Val	Met	Ser	His	Gly	Asp	His
163		450					455					460		_		
164	Asn	His	Tyr	Phe	Phe	Lys	Lys	Asp	Leu	Thr	Glu	Glu	Gln	Ile	Lys	Ala
165	465					470					475					480
166	Ala	Gln	Lys	His	Leu	Glu	Glu	Val	Lys	Thr	Ser	His	Asn	Gly	Leu	Asp
167					485					490					495	
168	Ser	Leu	Ser	Ser	His	Glu	Gln	Asp	Tyr	${\tt Pro}$	Gly	Asn	Ala	Lys	Glu	Met
169				500					505					510		
170	Lys	Asp		Asp	Lys	Lys	Ile		Glu	Lys	Ile	Ala	_	Ile	Met	Lys
171			515					520					525			
172	Gln		Gly	Val	Lys	Arg		Ser	Ile	Val	Val		Ļys	Glu	Lys	Asn
173		530	_				535					540			_	
174		Ile	Ile	Tyr	Pro	His	Gly	Asp	His	His		Ala	Asp	Pro	Ile	_
175	545	•	_	_		550		~ 1	•	_	555	_	_	_	~ 3	560
176	GIu	His	Lys	Pro		Gly	TTe	GIĀ	His		His	Ser	Asn	Tyr		Leu
177	51. .	.	D	01.	565	01	**- 1	. 1 -	.	570	a 1	a 1	•	.	575	
178	Pne	гĀЗ	Pro		GIU	Gly	vaı	Ата		гуѕ	GIU	GTA	Asn		vaı	Tyr
179 180	mha	C1	a 1	580	T	mhm	7 ~ ~	170]	585	3	T 0	т	T	590		mb
181	THE	СтУ	595	GIU	ьeu	Thr	ASII	600	val	ASII	ьeu	Leu	605	ASII	ser	1111
182	Dho	λen		Gln	λen	Phe	Thr		λla	λen	Glv	Gln		Δra	Val	Sor
183	FIIC	610	Non	GIII	Non	rne	615	neu	лта	NSII	GIY	620	пуз	лгу	vai	Ser
184	Dhe		Phe	Pro	Pro	Glu		Glu	T.v.s	Lve	T.eu		Tle	Asn	Met	T.e.
185	625	501			110	630	Lou	014			635	U				640
186		Lvs	Leu	Ile	Thr	Pro	Asp	Glv	Lvs	Val		Glu	Lvs	Val	Ser	
187		-1-			645			1	-1-	650			-1-		655	1
188	Lys	Val	Phe	Gly	Glu	Gly	Val	Gly	Asn	Ile	Ala	Asn	Phe	Glu	Leu	Asp
189	•			660		-		-	665					670		-
190	Gln	Pro	Tyr	Leu	Pro	Gly	Gln	Thr	Phe	Lys	Tyr	Thr	Ile	Ala	Ser	Lys
191			675					680					685			
192	Asp	Tyr	${\tt Pro}$	Glu	Val	Ser	Tyr	Asp	Gly	Thr	Phe	Thr	Val	Pro	Thr	Ser
193		690					695					700				
194	Leu	Ala	\mathtt{Tyr}	Lys	Met	Ala	Ser	Gln	Thr	Ile	Phe	Tyr	Pro	Phe	His	Ala
195	705					710					715					720
196	Gly	Asp	Thr	\mathtt{Tyr}		Arg	Val	Asn	Pro		Phe	Ala	Val	Pro	-	Gly
197					725					730					735	
198	Thr	Asp	Ala		Val	Arg	Val	Phe		Glu	Phe	His	Gly		Ala	Tyr
199		_		740					745	_				750		
200	Leu	Glu		Asn	Tyr	Lys	Val	_	Glu	Ile	Lys	Leu		Ile	Pro	Lys
201		_	755					760				_	765	_	.	
202	Leu		Gln	GLY	Thr	Thr	_	Thr	Ala	Gly	Asn	_	Ile	Pro	Val	Thr
203	D1	770				-	775			a 1 :	a .	780	m- ··	-1	77. 7	a 1
204		Met	Ala	Asn	Ala	Tyr	Leu	Asp	Asn	GIn		Tnr	Tyr	тте	vaı	
205	785	D	T1 -	T	a 1	790	0 3	7 . ~	01 -	m l	795	T	D	0	T1.	800
206 207	val	PLO	тте	ьeu		Lys	GLU	ASN	GTII		ASP	гаг	PLO	ser		ьeu
ZU /					805					810					815	

RAW SEQUENCE LISTING DATE: 10/09/2001 PATENT APPLICATION: US/09/471,255 TIME: 18:08:44

Input Set : A:\PTO.amc

Output Set: N:\CRF3\10092001\I471255.raw

208 209	Pro	Gln	Phe	Lys 820	·Arg	Asn	Lys	Ala	Gln 825	Glu	Asn	Ser	Lys	Leu 830	Asp	Glu	
210	Lys	Val			Pro	Lys	Thr			Lys	Val	Glu	_	-	Lys	Leu	
211 212	Ser	Glu	835 Thr	Glv	Asn	Ser	Thr	840 Ser	Asn	Ser	Thr	Leu	845 Glu	Glu	Val	Pro	
213	002	850					855					860					
214		Val	Asp	Pro	Val	Gln	Glu	Lys	Val	Ala	_	Phe	Ala	Glu	Ser	_	
215 216	865 Gly	Met	Lvs	Leu	Glu	870 Asn	Val	T.eu	Phe	Asn	875 Met	Asn	Glv	Thr	Tle	880 Glu	
217	GIY	MCC	цуз	ЦСи	885	71011	, vai	шси	1110	890	ncc	пор	GIJ		895	OLU	
218	Leu	Tyr	Leu		Ser	Gly	Glu	Val		_	Lys	Asn	Met		Asp	Phe	
219	mb ~	C1	Clu	900	Dro	Gln	C1.	7 an	905		λan	Tva	Dro	910	Clu	A an	
220 221	TIII	GIY	915	Ата	PIO	GIII	СТУ	920	GIY	GIU	ASII	гур	925	per	Giu	ASII	
222	Gly	Lys		Ser	Thr	Gly			Glu	Asn	Gln	Pro		Glu	Asn	Lys	
223	_	930	_	_	_	_	935		_	_		940	_		_	_	
224 225	Pro 945	Ala	Asp	Ser	Leu	Pro 950	Glu	Ala	Pro	Asn	G1u 955	Lys	Pro	Va⊥	Lys	Pro 960	
226		Asn	Ser	Thr	Asp	Asn	Glv	Met	Leu	Asn		Glu	Gly	Asn	Val		
227					965		_			970					975	_	
228	Ser	Asp	Pro		Leu	Asp	Pro	Ala		Glu	Glu	Ala	Pro		Val	Asp	
229 230	Pro	Val	Gln	980 Glu	Lvs	Leu	Glu	Lvs	985 Phe	Thr	Ala	Ser	Tvr	990 Glv	Leu	Glv)
231	110	, un	995	Olu	1,0	Lea	Olu	1000			u	DCI	100	_	Lou	0.27	
232	Leu	-		Val	Ile	Phe			Asp	Gly	Thr			Leu	Arg	Leu	
233	D	1010		a 1	37- 3	T1-	1015		7 ~ ~	T 0	0	1020		Tla	71-		
234 235	1025		GIY	GIU	vaı	Ile 1030	_	ьуѕ	ASII	ьeu	103!		Pne	ı ı e	Ala		
	<210		QID	NO:	3	200	•				100.						
	<2112																
	<212														}		
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	<221				CDS												
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247 248	<400 atg					222	tat	cta	act	aaa	tca	αta	act	aca	ctt	att	48
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253 254	Leu	Ser	Val	Cys 20	Ala	Tyr	Glu	Leu	Gly 25	Leu	His	Gln	Ala	Gln 30	Thr	Val	
254	aaa	gaa	aat.		cat.	gtt	tcc	tat		gat	σσα	aaa	caa		acq	caa	144
257						Val											
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202		50					55										

VERIFICATION SUMMARY

DATE: 10/09/2001

PATENT APPLICATION: US/09/471,255

TIME: 18:08:45

Input Set : A:\PTO.amc
Output Set: N:\CRF3\10092001\I471255.raw

L:17 M:270 C: Current Application Number differs, Replaced Current Application No L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date